



**DoorBird**  
Technology meets Design.



**D2102BV**

**IP VIDEO DOOR STATION**

Brushed Stainless Steel • Bronze-Finish • 2 Call buttons

Designed,  
developed and  
made in Germany

# ANSWER YOUR DOOR ANYWHERE.



## HOW DOES IT WORK

Imagine, you are not at home and your children have locked themselves out or the courier delivers a package. With DoorBird this is no longer a problem. Each time someone rings the doorbell you get a push notification on your smartphone or tablet. You can then not only talk to the visitor but also see him in HD quality. You will never miss a visitor again. With DoorBird you are on the go and still at home, even if a burglar presses the doorbell to check if someone is at home.

## SMART HOME STARTS AT THE FRONT DOOR

DoorBird is the smart solution for your door entrance. The IP Video Door Station can be used as a stand-alone unit or can be integrated into an existing Smart-Home platform. Even existing classic installations such as a door chime or an electric door and gate opener can still be used and controlled via the App.

## QUALITY MADE IN GERMANY

DoorBird is designed, developed and produced in Berlin, Germany. DoorBird's "Made in Germany" is not only a motto but a philosophy. All DoorBird IP Video Door Stations are manufactured and tested in Berlin to guarantee the highest quality, longevity and customer satisfaction.

## ADVANTAGES



### Open API

Local interface for the integration with third-party systems and SIP



### Video and audio call

On smartphones and tablets (iOS, Android) or landline phones (SIP)



### Smart Home & ONVIF compatible

Control4, Loxone, Crestron, Synology, QNAP, AVM FRITZ!fon, URC, RTI, ELAN, Fibaro, Bang & Olufsen and others



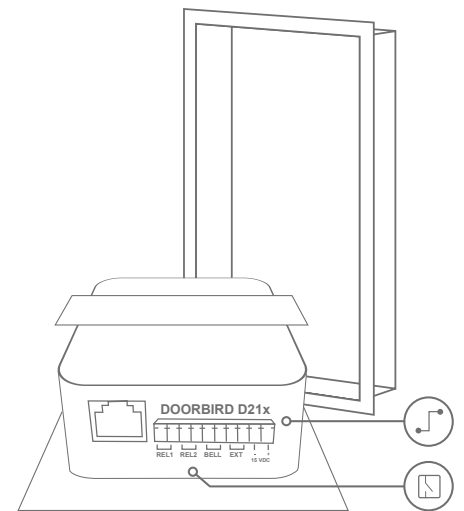
### Individual time and action plans, e.g.:

RFID card „abc“ has only admission on Wednesday from 9 am until 11 am

4D motion sensor switches on external lamp between 9 pm and 6 am



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**Automatic door opener**

For use in medical offices and office environments



**Free cloud recording**

Can be optionally activated for visitor history



**Geofencing**

Automatic door and gate opening when returning home



**Receive packages at any time**

Direct the parcel carrier e.g. to the neighbor or open the garage door via smartphone



**Burglary prevention**

Prevents more break-ins than an alarm system



**Night vision**

With 12 IR LEDs



**Light sensor**

For night vision mode



**Motion sensor with 4D technology**

Distance up to 10 m adjustable via App (interval: 1 m)



**Elegant and discreet design**

No visible screws on the front panel

Plain and high-quality surface



**Easy connection to the network**

Connection via RJ45 socket or bell wire via 2-wire transformer (PoE, network data)



**HDTV Video**

Ultra-wide-angle, hemispheric lens, 180°



**Echo and noise suppression (AEC, ANR)**



**RFID card reader**

Configurable remotely via App (e. g. time frame)



**Call button**

With backlit nameplate



**Two freely configurable bi-stable switching relays**

Two doors or gates can be controlled via App

Status configurable via App: Temporary or permanent circuit

## GENERAL

|                            |  |
|----------------------------|--|
| Front panel                | Brushed stainless steel, Bronze-Finish, 3 mm (0.12 in)   |
| Mounting housing (backbox) | Stainless steel  |
| Mounting type              | Flush-mounted, surface-mounting housing sold separately  |
| Call button                | Plastic. Engraveable metal cover plate sold separately, see <a href="http://www.doorbird.com/buy">www.doorbird.com/buy</a>   |
| Nameplate                  | Illuminated  |
| Power supply               | 15 V DC or Power over Ethernet (PoE 802.3af Mode-A)  |
| Weight                     | 1808 g   |
| Connectors                 | <ul style="list-style-type: none"> <li>• RJ45, for LAN/PoE</li> <li>• Bi-stable latching relay #1, max. 1-24 V DC/V AC, 1 Ampere, e.g. for electric door opener</li> <li>• Bi-stable latching relay #2, max. 1-24 V DC/V AC, 1 Ampere, e.g. for electric door opener</li> <li>• Switch relays, max. 1-24 V DC / V AC*, 1 ampere, e.g. for conventional door chimes</li> <li>• External input for external door opener button (potential-free)</li> <li>• 15 V DC input (+, -)</li> </ul> |
| Weather-proof              | Yes, IP65  |
| Approvals                  | CE, IC, FCC, RoHS, IP65, IK08  |
| Dimensions                 | 313 x 131 x 48.75 mm (H x W x D)<br>12.32 x 5.16 x 1.92 in (H x W x D)   |
| Operating conditions       | -25 to +55°C / -13 to 131°F<br>Humidity 10 to 85 % RH (non condensing)   |
| Scope of delivery          | <ul style="list-style-type: none"> <li>1 x Main Electrical Unit</li> <li>1 x Front panel</li> <li>1 x Mounting housing (backbox)</li> <li>1 x Power supply unit (mains adaptor) with four country-specific adaptors (110 - 240 V AC to 15 V DC)</li> <li>1 x RFID key fob</li> <li>1 x Screwdriver</li> <li>1x Quickstart guide with Digital Passport</li> <li>1x Installation manual</li> <li>1x Small parts</li> </ul>   |
| EAN                        | 4260423860759  |
| Warranty                   | see <a href="http://www.doorbird.com/warranty">www.doorbird.com/warranty</a>   |

## CURRENT SYSTEM REQUIREMENTS

|                                 |  |
|---------------------------------|--|
| System requirements             | <p>Mobile device: Newest iOS on iPhone/iPad, newest Android on Smartphone/Tablet</p> <p>Internet: High-Speed Landline Broadband Internet connection, DSL, cable or fiber optic, no socks or proxy server</p> <p>Network: Ethernet Network, with DHCP</p> |
| Recommended installation height | Camera lens should be at a min. height of 125 cm (49 in)   |

## VIDEO

|              |  |
|--------------|--|
| Camera       | HDTV 720p, dynamic (VGA - HDTV)  |
| Lens         | High-end ultra wide-angle hemispheric lens 180° horizontal, 90° vertical, straightened, IR-capable |
| Night-vision | Yes, light sensor, automatic IR-cut filter, 12 IR-LEDs (850 nm)                                    |

## AUDIO

|                  |  |
|------------------|--|
| Audio components | Speaker and microphone, echo and noise cancellation (AEC, ANR) |
| Audio streaming  | Two-way, full duplex   |

## NETWORK

|          |                               |
|----------|-------------------------------|
| Ethernet | RJ45 jack, PoE 802.3af Mode-A |
|----------|-------------------------------|

## MOTION SENSOR

|                 |   |
|-----------------|---|
| Type            | Active  |
| Detection angle | 110°  |
| Range           | 1 - 10 m (3.3 - 32.9 ft), depends on environment, configurable in 1 m (3.3 ft) steps.   |
| Technology      | 4D. Based on multiple integrated sensors and algorithms, e.g. Radio Frequency Energy (RFE)  |
| Configuration   | <p>Via App, e.g.</p> <ul style="list-style-type: none"> <li>• Range (1.10 m / 3.3 - 32.9 ft)</li> <li>• Movement direction (coming, leaving, both)</li> <li>• Individual events (e.g. switch a relay, push notification, SIP call [audio/video], HTTP(s) notification)</li> <li>• Individual schedules</li> </ul> |

## RFID

|                        |   |
|------------------------|---|
| Type                   | Active Reader Passive Tag (ARPT) system   |
| Standard               | ISO/IEC 18000-2:2009 Part 2, EM4100, EM4102   |
| Frequency              | 125 KHz   |
| Range                  | 0 - 3 cm, depends on environment  |
| Antenna                | Internal  |
| Compatible Transponder | RFID key fobs, sold separately, see <a href="http://www.doorbird.com/buy">www.doorbird.com/buy</a>  |
| Configuration          | <p>Up to 100 tags manageable</p> <p>Via App, e.g.</p> <ul style="list-style-type: none"> <li>• Tag (add, delete)</li> <li>• Individual events (e.g. switch a relay, push notification, SIP call [audio/video], HTTP(s) notification)</li> <li>• Individual schedules</li> </ul> |

## INTEGRATED WIRELESS MODULES

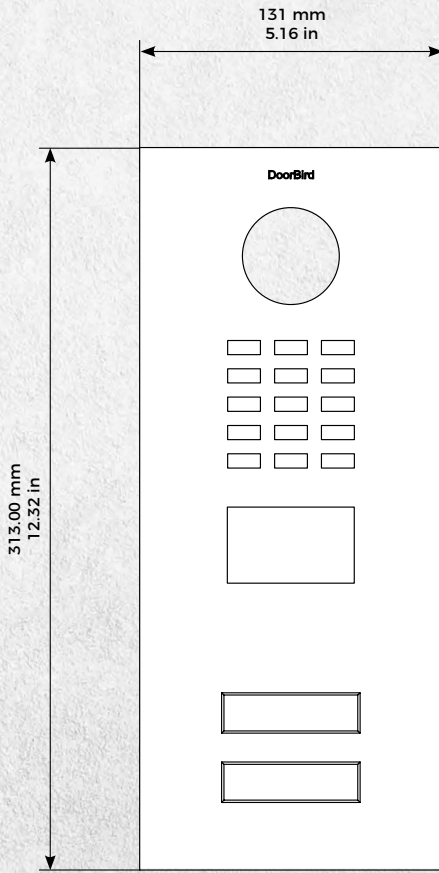
|        |                         |
|--------|-------------------------|
| RFID   | 125 KHz                 |
| Sensor | 24 GHz, can be disabled |

## OPTIONAL ACCESSORIES

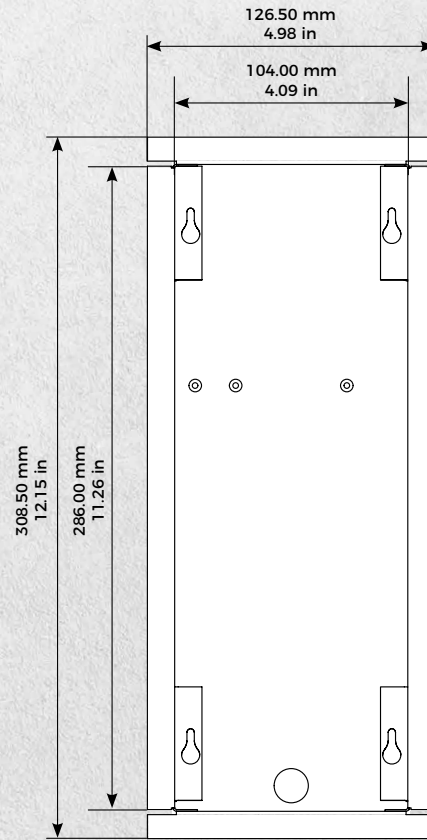
|                 |  |
|-----------------|--|
| Sold separately | see <a href="http://www.doorbird.com/buy">www.doorbird.com/buy</a> |
|-----------------|--|

Special remarks:  
Assembly requires professional skills or a technician.

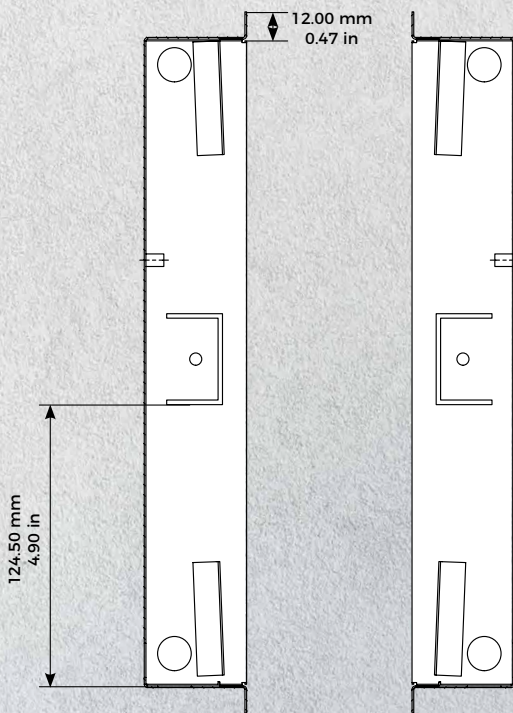
Front panel material thickness: 3.0 mm (0.12 in)



Front panel

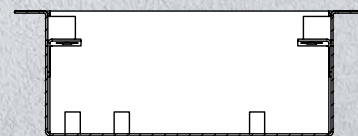
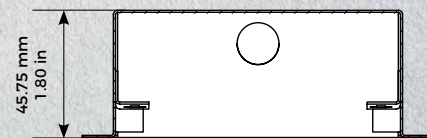


Mounting housing



Mounting housing

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Mounting housing